

Water-based Hydrophilic Coating Compositions and Articles Prepared Therefrom

Abstract of the Invention

5 A water-based coating composition suitable for preparing hydrophilic surfaces
on various articles is provided which includes a supporting polymer having functional
moieties capable of undergoing crosslinking reactions, said supporting polymer
soluble in or emulsified in an aqueous based medium; and a hydrophilic polymer,
said hydrophilic polymer associated with the supporting polymer. The composition
10 is characterized in that, when crosslinked at the functional moieties, the supporting
polymer forms a three-dimensional network which substantially minimizes
disassociation of the hydrophilic polymer.

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